BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work :-Improvements & Construction of CC road, drain & RCC Culverts at KK road Old Masidi surroundings in Dasarahalli Ward No 15

			Est. Cost Rs				19.90	Lakhs	
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-2. Earthwork excavation by manual means in **hard soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.138/I.19.2 PW, P & IWTD - SR 2014-15)	Cum							
	Drain								
	CMC Office back side 2nd cross road L/s		2	140.00	0.60	0.30	50.40		
	CMC Office back side 3rd Cross L/s & R/s		1	145.00	0.60	0.30	26.10		
	Metro station back side road L/s		2	65.00	0.60	0.30	23.40		
	Metro station back side road R/s		1	29.00	0.60	0.30	5.22		
			1	22.00	0.60	0.30	3.96		
			1	33.00	0.60	0.30	5.94		
			1	25.00	4.50	0.20	22.50		
			1	18.80	7.00	0.20	26.32		
	Basic Rate	98.00					153.84	105.84	**17341.00**
	Add Area Weightage 8%	7.84					163.84		
	Total	**105.84**							
2	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per Specifications.MORTH Specification No. 406 Page No. 154/ Item No. 20.18/ PWD SR 2014-15	**Cum**							
	#REF!		1	18.80	7.00	0.20	26.32		
			1	25.00	4.50	0.20	22.50		
	Basic Rate	1332.00					**48.82**	**1438.56**	**70230.00**
	Area Weightage 8%	106.56							
	Total	**1438.56**							

3	**Removing B.S.Slab** of drain and stacking etc., complete Page No. 25/ Item No. 5.32/ PWD SR 2014-15	**Sqm**							
	CMC Office back side 2nd cross road L/s		2	140.00	1.30	–	364.00		
	CMC Office back side 3rd Cross L/s & R/s		1	145.00	1.30	–	188.50		
			2	65.00	1.30		169.00		
			1	29.00	1.30		37.70		
			1	22.00	1.25		27.50		
			1	33.00	1.25		41.25		
	Basic Rate	54.00					**827.95**	58.32	**48286.00**
	Add Area Weightage 8%	4.32							
	Total	**58.32**							
4	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix **M1:2:4 with c**ement @240 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.6) PW, P & IWTD - SR 2014-15)	Cum							
	CMC Office back side 2nd cross road L/s		2	140.00	0.60	0.08	13.44		
	CMC Office back side 3rd Cross L/s & R/s		1	145.00	0.60	0.08	6.96		
	Metro station back side road L/s		2	65.00	0.60	0.08	6.24		
	Metro station back side road R/s		1	29.00	0.60	0.08	1.39		
			1	22.00	0.60	0.08	1.06		
			1	33.00	0.60	0.08	1.58		
			1	25.00	4.50	0.08	9.00		
			1	18.80	7.00	0.08	10.53		
			1	140.00	1.00	0.08	11.20		
			1	105.00	1.00	0.08	8.40		
			1	40.00	1.00	0.08	3.20		
			1	55.00	1.00	0.08	4.40		
	Basic Rate	4933.00					**77.40**	5228.98	**404723.00**
	Add Area Weightage 6%	295.98							
	Total	**5228.98**							
5	**Refixing stone slabs** of drains and pointing in CM 1:3 etc complete Page No. 25/ Item No.5.33/ PWD SR 2014-15	**Sqm**							
		Qty Vide Item No 03					827.95		
		60% Qty of Wide Iteam No 03					**496.77**	75.60	**37556.00**
	Basic Rate	70.00							
	Add Area Weightage 8%	5.60							
	Total	**75.60**							

6	**Providing Granite slabs** selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete 7.5 thick (P. 27 I. 5.31.1) Page No. 25/ Item No. 5.31.1/ PWD SR 2014-15	**Sqm**							
	Qty Vide Iteam No 3-6						**331.18**		
	Basic Rate	592.00					331.18	639.36	**211743.00**
	Area Weightage 8%	47.36							
	Total	**639.36**							
7	KSRB 5-14 : Providing and constructing precast **concrete solid blocks** with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size **40x20x20** cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. **Page No. 25/ Item No. 5.27/ PWD SR 2014-15**	**Sqm**							
	0								
	CMC Office back side 2nd cross road L/s		2x2	140.00	_	0.20	112.00		
	CMC Office back side 3rd Cross L/s & R/s		1x2	145.00	_	0.20	58.00		
			2x2	65.00	_	0.20	52.00		
			1x2	29.00		0.20	11.60		
			1x2	22.00		0.20	8.80		
			1x2	33.00		0.20	13.20		
							255.60	993.60	**253964.00**
	Basic Rate	920.00							
	Add Area Weightage 8%	73.60							
	Total	**993.60**							
8	Supplying and fixing **precast rainforced** concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.	Sqm							
	0								
	CMC Office back side 2nd cross road L/s		2	140.00	0.90	_	252.00		
	CMC Office back side 3rd Cross L/s & R/s		1	145.00	0.90	_	130.50		
	Metro station back side road L/s		2	65.00	0.90	_	117.00		
	Metro station back side road R/s		1	29.00	0.90	_	26.10		
			1	22.00	0.90	_	19.80		
			1	33.00	0.90		29.70		
	Data Rates Approved by CE DZ enclosed						**575.10**	1600.00	**920160.00**

11	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 62.00 (P.136 Table) SR 2014-15	Cum					16985		
			Qty Vide Item No. 1				~~102.66~~		
	For Extra Debries						~~100.00~~		16805
						163.84	**~~202.66~~** 128.75	78.24	**~~15856.00~~**
	Loading and Unloading Charges	62.20							
	Lead 4 KMs 2x1.28x4	10.24							
		72.44							
	Area Weightage @ 8%	5.80							
	Total	**78.24**							
12	Quality Control Test Charges= 1%								19900.00
13	Miscellaneous and UnforessenCharges								3281.00
								Total	1990000.00

(Rupees. Ninteen Lakhs Ninty Thousand Only)

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2014-15
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward-15

Assistant Executive Engineer
T. Dasarahalli Sub-Division

Executive Engineer
Dasarahalli Division

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